

SF Xtra Sound Attenuator

Surface mounted noise reducing

The SF Xtra Sound Attenuator ventilator is a slot ventilator which provides high levels of sound attenuation compared to similar 'acoustic' products, in a compact size.

The SF Xtra Sound Attenuator can be purchased in a number of combinations based on different sizes of inner (ventilator) and outer (canopy). Combinations can be chosen depending on the sound attenuation requirement and can achieve up to $D_{n,e,w} (C;Ctr) = 44 (-2;-3)$ dB when the vent is open.

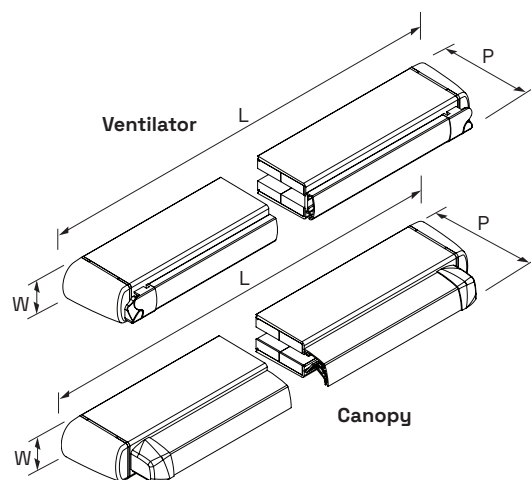
The product is a cost effective method of reducing incoming noise in situations where conventional slot ventilators are unable to assist with acoustic issues.

The SF Xtra Sound Attenuator comes fitted with a Titon SF Xtra Ventilator and/or SF Canopy (HF Canopy for 5000EA version) and fits the 2500mm² EA version over the Trimvent® Select, Trimvent® 4000 Hi Lift or Select Xtra slot size.



Features & Benefits

- Cost effective sound attenuating ventilator
- Independently tested by Sound Research Laboratories in accordance with BSEN20140-10:1992, ISO140-10:1991
- 2500mm² EA, 4000mm² and 5000mm² EA versions available
- Vent sizes available: V25, V50, V75 and canopy sizes: C25, C50 and C75
- Can provide up to 44 $D_{n,e,w}$ attenuation, depending on combination
- Suitable for use in domestic or non-domestic installations
- Ideal for retrofit applications, over an existing slot
- Available in a range of combinations to suit different acoustic specifications
- Fits over a Trimvent® Select, Trimvent® 4000 Hi Lift or Trimvent® Select Xtra slot size
- Supplied with SF Xtra Ventilator and/or SF Canopy fitted (HF Canopy for 5000EA version)
- High performance gasket combined with compression closing action improves sealing in adverse conditions
- Can be mounted to deflect air upwards or downwards
- For use over a 13mm slot
- Special paint finishes available



Product	Product Code	(L) Length	(W) Width	(P) Projection Closed-Open	Free Area (mm ²)	Slot Detail
SF Xtra 2500EA Vent only	TA5220	425	28	10-24	4207	
SF 418 Canopy only	TA5005	418	23	27	5114	
SF Xtra Sound Attenuator 2500EA Vent 25mm	TA5221	464	35	37-51	3470	
SF Sound Attenuator 2500EA Canopy 25mm	TA5202	464	35	54	3470	
SF Xtra Sound Attenuator 2500EA Vent 50mm	TA5223	464	35	62-76	3470	173.5 20 173.5 13
SF Sound Attenuator 2500EA Canopy 50mm	TA5204	464	35	79	3470	
SF Xtra Sound Attenuator 2500EA Vent 75mm	TA5225	464	35	87-101	3470	
SF Sound Attenuator 2500EA Canopy 75mm	TA5206	464	35	104	3470	
SF Sound Attenuator 4000EA Vent 75mm	TA5233	410	35	87-101	4065	410 13
SF Sound Attenuator 4000EA Canopy 75mm	TA5234	410	35	113.5	4065	
SF Xtra Sound Attenuator 5000EA Vent 75mm	TA5235	523	35	87-101	5517	215 8 215 13
HF Sound Attenuator 5000EA Canopy 75mm	TA5236	523	35	113.5	5517	

Product	EA (mm ²)	Open	Closed
TA5225 (V75) + TA5206 (C75) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 44 (-2;-3)dB	$D_{n,e,w}$ (C;Ctr) = 55 (-1;-5)dB
TA5225 (V75) + TA5204 (C50) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 42 (-1;-2)dB	$D_{n,e,w}$ (C;Ctr) = 55 (-2;-5)dB
TA5225 (V75) + TA5005 (SF 418) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 40 (-1;-2)dB	$D_{n,e,w}$ (C;Ctr) = 53 (-1;-4)dB
TA5223 (V50) + TA5202 (C25) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 39 (-1;-2)dB	$D_{n,e,w}$ (C;Ctr) = 55 (-2;-5)dB
TA5223 (V50) + TA5005 (SF 418) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 38 (-1;-2)dB	$D_{n,e,w}$ (C;Ctr) = 55 (-2;-5)dB
TA5221 (V25) + TA5202 (C25) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 36 (0;-2)dB	$D_{n,e,w}$ (C;Ctr) = 55 (-1;-5)dB
TA5221 (V25) + TA5005 (SF 418) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 35 (0;-1)dB	$D_{n,e,w}$ (C;Ctr) = 54 (-1;-4)dB
TA5220 (SF Xtra Vent) + TA5202 (C25) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 35 (0;-1)dB	$D_{n,e,w}$ (C;Ctr) = 55 (1;-5)dB
TA5220 (SF Xtra Vent) + TA5005 (SF 418) 2500EA	2500	$D_{n,e,w}$ (C;Ctr) = 32 (1;0)dB	$D_{n,e,w}$ (C;Ctr) = 52 (-2;-4)dB
TA5233 (V75) + TA5234 (C75) 4000EA	4000	$D_{n,e,w}$ (C;Ctr) = 40 (-1;-3)dB	$D_{n,e,w}$ (C;Ctr) = 49 (-1;-4)dB
TA5235 (V75) + TA5236 (C75 - Hi Spec Foam) 5000EA	5000	$D_{n,e,w}$ (C;Ctr) = 40 (-2;-3)dB	$D_{n,e,w}$ (C;Ctr) = 51 (-1;-4)dB

Manufactured from

Aluminium 6063A T6, component parts POM

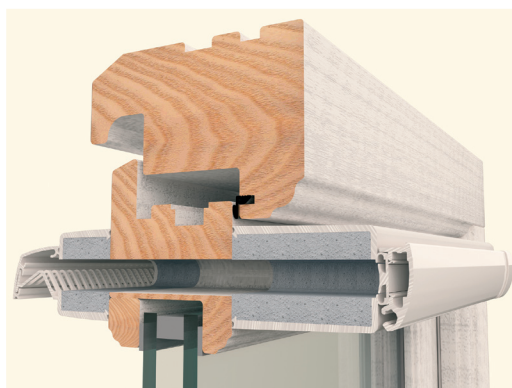
Recommended screws

4mm (No.8) Round Head or equivalent

When fitting to PVCu screw must go through two walls or into reinforcement

Standards

Tested in accordance with BS EN 13141-1:2004 (airflow air leakage and weather tightness)



Through sash

Finishes

Suffix product code with -20 (white)

Other colour options available. Please contact sales for details.

Performance

(Full details available on request)

Equivalent Area – See above

Free Area – See above

Air Leakage – 0.11m³/hr @ 50Pa (Vent and Canopy only)

Water Resistance (Pa) – 750Pa

Acoustic $D_{n,e,w}$ – see above

NB: For optimum performance the ventilator should be installed on a flat surface free from defects, and sealant should be used along all edges to achieve the desired acoustic result.

More information

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